

MEETING CALL IN NUMBER: (b) (6)

ACCESS CODE: (b) (6)

WEBEX MEETING INFO: (b) (6)

Attendees

| Contractor/Sub-Contractor Staff | Phone | Site | N/P | Government Staff | Phone | Site | N/P |
|---------------------------------|-------|------|-----|-------------------------|-------|------|-----|
| Eric Reitter | X | | | Rod Zion (USACE) | X | | |
| Spencer Archer | X | | | Karl Kunas (USACE) | | | X |
| Richard Perry | | | X | Greg Zoeller (USACE) | X | X | |
| Marc Homme | X | X | | Evan Lauterbach (USACE) | X | | |
| Khalfani Lee | | | X | Kim Prestbo (USEPA) | | | X |
| Jose Rosado | X | | | Ed Moreen (USEPA) | X | | |
| Steve Criscenzo | | | X | Don Carpenter (DEQ) | X | | |
| Charles Hand | X | X | | Jim Stefanoff (Jacobs) | | | X |
| Mark Dunn | X | X | | Karen Dawson (Jacobs) | X | | |
| Michael Goatcher | | | X | Ken Parsons (USACE) | | | X |
| | | | | Paul Townley (Jacobs) | X | | |

1) Review Meeting Minutes from 7/16/2018

- a. No comments.

2) On-Site Status Review & Look-Ahead

a. Temporary Treatment System (TTS)

- i. Installing TTS buried piping and electrical conduit.
- ii. Plan to complete installing electrical this week.
- iii. Looking at duct bank crossing.
- iv. Commissioning planned for later this week or early next week. Commissioning procedure will be provided this week.

b. Design Package 4A CTP Site Civil and Demolition

- i. Continue installing road crossings this week.
- ii. Lined Pond line tie-in will be completed this week.
- iii. Continue fence removal around Polishing Pond.
- iv. Continue Polishing Pond wall removal.

c. Design Package 7 Preloading

- i. Preload Area B (north of aeration basin).
 - 1. Started removing Preload Area B today.
 - 2. Storm drain system will be completed after yard piping is installed.
- ii. Preload Area C (filter building)
 - 1. Memo has been provided to Government for a limited Preload Area C. This will be returned X Coded (should have been submitted as DA/GA) additional information request to clarify how the limited area will be representative of the entire footprint.

d. Design Package 5 Sludge Impoundment Area (SIA)

- i. Resolved compaction issues at filtrate manhole subgrade.
- ii. Concrete pour for filtrate manhole.

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iii. Continue fine grading and placement of liner bedding.

iv. Continue to receive materials (pipe and liner).

v. Backfill piping.

e. Design Package 6 Soil Bentonite Cutoff Wall (SBCW)

i. Summary of items completed last week:

1. Continued with slot excavation and work pads along SBCW alignment.
2. Continued with readiness operation for test section.
3. 300+ ton of bentonite on site.
4. Welded of 8" HDPE water line for slurry plant.
5. Slurry plant set-up complete.
6. Repurposed of steel framework from billboards. Steel has been welded and will be used to knock soil off truck tires.
7. Preparatory planned for 7/18/18.

ii. Activities planned for this week:

1. On hold pending approval of ASI for related to applicable of PV value, as well as density of the backfill.
2. Premix of slurry.
3. Continue fence work.
4. Plan to start test section today.
5. Vault has been set for Water District (note - not part of the contract with USACE and is being conducted to permit elimination of the water line that runs along I-90 in area of SBCW installation). Fittings to be ordered. Plan to complete this week.

f. Other – N/A

2) Off-Site Status Update

a. N/A

3) Design Status Update

a. Design Package 4 Interim (CTP Upgrades, including GWCS)

i. 2 pending evaluations.

1. 2 pending evaluation by Wood.

ii. 66 pending BackChecks by Government.

1. 67 BackChecks are Open; 426 BackChecks are closed.
2. Evaluations have been posted for Government BackChecks for over a month.

b. Design Package 4A IFC (Demolition and CTP Civil) NTP was issued 6/14/18.

i. Submitting DP4A IFC updated to include elimination of the oil water separator per the accepted modification today.

c. Design Package 4B IFC (GWCS, Outfall Dissipater and Structural Concrete) was submitted 7/21/18.

i. 51 pending evaluations.

1. All pending evaluations are open pending confirmation in IFC package. Wood will post updated responses, including attaching supporting drawings, today to facilitate Government BackChecks.

ii. 51 pending BackChecks by Government.

1. 96 BackChecks are open; 152 BackChecks are closed.
2. 7372730 and 7372805 – Tracy Snyder related to frost heave mitigations. Wood revised drawings and posted new responses.

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3. Government notified Wood of intent to post BackCheck to 7391425 related to well screens last week. Design conference will be scheduled for 7/25 at 14:30 PST.
 - iii. Pending comments from DP4 Interim: 2
 1. 7248447 – GWCS hydraulic calculations; revised evaluation has been posted
 2. 7246385 – Anchor block calculations; revised evaluation has been posted
 - iv. 404 Compliance Memo will be resubmitted as a separate submittal with the DP4B IFC drawing and the contractor Dewatering Plan in July.
 - v. No Rise Certification was provided 7/21/18 as a standalone submittal.
 1. USEPA requested Wood to submit the No Rise Certification should be sent to Rod Plank (City Councilman) and Nila Jurkovich (secretary) at the City of Kellogg. This will be submitted today.
 - vi. Design Package 4B IFC was submitted 7/21/18. Government BackChecks will be completed by 8/6/18.
 - d. Design Package 4C Final (Structural Steel and Mechanical) was submitted 4/15/18. Isometrics, MTO and 3D model were included in this submittal. 159 comments received.
 - i. 29 pending evaluations by Wood.
 1. 19 pending evaluations by Wood
 2. 10 are open pending confirmation in IFC package
 - ii. 42 pending BackChecks by Government.
 1. 41 BackChecks are Open; 94 BackChecks are closed.
 - iii. Pending comments from DP4 Interim: 59
 - iv. IFC submittal will be submitted this week.
 - e. Design Package 4D Final (Electrical and HVAC)
 - i. Pending comments from DP4 Interim: 8
 - ii. Final submittal will be submitted this week.
 - f. Design Package 4E (Clarifier Upgrades) or Other
 - i. Pending comments from DP4 Interim: 1
 - ii. Wood provided the evaluation of the existing clarifier as a standalone submittal which is required by the SOW. Government comments received last week. Wood to provide a re-submittal this week.
 - iii. Pending Governments review of the submittal, the associated design package or shop drawing will be determined.
- 4) Other 2-Week Look-Ahead/Schedule Review
- a. Reviewed the 90-day look ahead schedule provided with the meeting agenda.
 - b. Negative float for Design Package 4B IFC submittal, Temporary Treatment System tie-ins, and demolition activities. Wood is evaluating ways to improve on schedule.
- 5) Upcoming Meetings (Preparatory, finals, etc.)
- a. SBCW meetings continue to be held weekly separate from this call.
 - b. TTS electrical preparatory meeting was conducted last week.
 - c. SIA liner preparatory meeting pending acceptance of liner materials.
 - d. SBCW installation preparatory meeting was held 7/18/18.
 - e. Design conference to discuss DP4B Jacobs this week.

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- f. Potential for Basin meeting onsite. Meeting may be limited to a couple site overview locations to avoid a large group touring the site. Wood may have a representative attend the meeting. Wood is coordinating with Government.
- g. TTS commissioning preparatory meeting will be scheduled for later this week.
- h. District Safety Office representative will be on site with Rod on 7/26.

6) Submittal/Submittal Register (Pending, re-submittal, upcoming)

- a. FAT plan to be provided in advance of Factory Accept testing.
- b. 404 Compliance Memo comments from USEPA have been provided. Resubmittal planned pending DP4B IFC drawings and the Dewatering Plan.
- c. SIA preconstruction submittals are in progress.
 - i. Liner Manufacturer warranty was X-Coded. Prorated warranty was submitted.
 - ii. Liner roll certifications were approved.
 - iii. SIA O&M Manual was E coded. Wood preparing responses to comments which appear to be beyond SOW requirements; will be re-submitted this week.
- d. SBCW preconstruction submittals are in progress.
 - i. Mix Design (02 35 27.06-7) was C-coded; Wood to resubmit later this week.
- e. TTS O&M Manual will be submitted this week.
- f. Plan for managing sludge in the Lined Pond during operation of the Temporary Treatment System was submitted last week. Government has reviewed and approved this submittal.
- g. Thickener evaluation resubmittal planned this week.
- h. No Rise / No impact Certification was submitted 7/21/18.
- i. Outstanding submittals:
 - i. Dewatering Plan, plan to provide as a preconstruction submittal, expected later this week.
 - ii. APP update for Mark Dunn as SS.

7) Serial Letters

- a. REA for Unforeseen Conditions has been reviewed by USACE and a response issued to Amec Foster Wheeler. Amec Foster Wheeler is evaluating options for responses.
- b. REA (H-0055) will be submitted for Unforeseen Conditions for the large amount of debris that has been encountered in CTP area.
- c. Serial letter (H-0039) for SPA cover material submitted 6/4/18. This is a notification letter to document elevated XRF screening results of the cover material in the SPA. Government provided response (C-0044). Wood provided a follow up to USACE (H-0052). Government responded with C-0046 and C-0047. Wood is considering a response.
- d. Government provided serial letter (C-0049) regarding certified payrolls. Wood is uploading payroll certifications today and will provide a response.

8) Modifications (Expected, Underway, Option items)

- a. Serial letter (H-0043) for name change from Amec Foster Wheeler to Wood was submitted 6/4/18. Modification has been fully executed by the Government.
- b. Chamber of Commerce billboard modification (R0010) was received for preserving the historical billboard, includes reconnection of power. Government execution pending name change modification.
- c. SP005 for pipe materials variation – Wood has provided MTO and is preparing an estimate for the change. Wood provided a revised proposal 27 June 2018 (H-0048). Wood is working to respond to Government comments; plan to provide responses 7/25/18.
- d. SP012, Request for Proposal for pig vaults received 4/19/18. Proposal provided 5/21/18. Wood expects to submit proposal tomorrow.

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- e. SP013, Miscellaneous Metals and Power Factor Correction Variation received 5/14/18.
 - i. Decision was made to remove PFC variation from the case. Proposal due to government on 6/22/18. H-0046 was received. Wood provided backup (H-0054). Government provided list of questions on 7/19/18. Wood to provide a response.
- f. SP014, Delete POL Containment Pad received 5/21/18. Proposal requested by 5/31/18. Wood provided proposal. USACE requested that a pump be included with the credit. Wood provided a serial letter (H-0049) with the credit. Modification (R0013) received, signed and returned by Wood. Government execution in progress.
- g. SP016 RFP 009 – CIA Geomembrane Thickness. Amec Foster Wheeler provided a serial letter (H-0050) with a proposal to conduct engineering relative to welding existing 40-mil and proposed 60-mil liners and developing welding requirements. Modification (R0011) received, signed and returned. Government execution in progress.
- h. An RFP (SP017) relative to decommissioning the monitoring well at the SBCW will be sent to Amec Foster Wheeler. Wood provided proposal last week. Modification (R0012) received, signed and returned. Government execution in progress.

9) Requests For Information

- a. A RFI will be submitted today on the SBCW.

10) Safety Items (Deficiencies, high risk work, clearances, etc.)

- a. No outstanding safety deficiencies.
- b. Safety awareness
 - i. Safety Awareness in the next week includes equipment moving around limited work areas in CTP and manhole at SIA. Heat stress is being stressed during safety meetings.
- c. Continued diligence to remaining in compliance (aware) with evolving EM385 safety requirements.
- d. Weekly group safety meetings are taking place on Tuesday mornings to ensure all contractors and team members are on the same page with site traffic, work location and general safety concerns.
- e. No new safety issues noted by QAR.

11) Quality Items

- a. Wood addressed the control well deficiencies in the field. The last deficiency was addressed with the letter from the DoR.
- b. Quarry changed source of material without notifying Wood. Samples have been taken and proctors are in progress. New proctors will be submitted to the Government via RMS.
- c. No new QC issues noted by QAR.

12) Working Hours (Holiday working hours, days off, etc.)

- d. 0700 to 1700 PST six, 10 hour days per week.

13) Other Follow-Up Items

- e. Avista Easement – Wood provided updated legal descriptions prepared by SVE with figures for the Avista easements with DEQ and USEPA. Government provided comments from IDEQ today, these were issued prior to the updated legal descriptions.
- f. Dan McCracken will be coordinating the semi-annual CIA and Bunker Creek inspections. Mark Dunn should be the POC.

14) O&M Update

- a. O&M continues to be routine.
 - i. pH set point is currently 8.5 during low flows from mine
 - ii. KT flows currently 630 gpm at this time
 - 1. Mine pool pump was removed from service 7/18 and will be placed back into service 7/23.

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- iii. No lime delivery scheduled at this time; estimating 31 days of lime supply in silos
- iv. Acid Mine Drainage (AMD) lines pigging and video inspection scheduled for 8/14-8/16.
- b. Lined Pond is ~1.0 MG
- c. Government provided notification and planned schedule for CDA Trust to access the CTP facility for disposal of generated wastes. Waste disposal is planned to go to the Lined Pond. No disposal has occurred to date.
- d. Discrepancies
 - i. Troubleshooting effluent flow meter; repair kit has been ordered.
- e. OMERs/CMRs
 - i. Lined Pond Pump #1 failed on 4/24/18. OMER #26 has been approved and work is in progress. Following completion of tie-in to Lined Pond, Beckwith & Kuffel (B&K) will install Lined Pond Pump #1 motor and repair other pumps. B&K is scheduled to be on site 7/31/18.
 - ii. HMI B failure (OMER #29). H2E repaired HMI B and created an image to provide redundancy and provide a means to back up the system should either HMI fail in the future. H2E to resolve trending issue (pH and lime injection history). H2E will be onsite this week to resolve trending issues.
 - iii. Storm drain under lime silo was found to be plugged (OMER #25). OMER is approved and work will be scheduled. OMER will be revised to include other storm drain work required and re-submitted for Government review and approval prior to conducting the work. Work will likely be done mid-August following road crossings.

15) Payment Applications

- a. Schedule review call scheduled for 7/26/18.
- b. June application has been approved and will be submitted after the schedule is approved.

ACTION ITEMS

| No. | Item | Responsible | Anticipated Completion Date |
|----------------|--|----------------------------|-----------------------------|
| 134 | Provide preliminary FAT schedule to include generator testing | Wood | 8/3/18 |
| 156 | Confirm SBCW Test Section (DA/GA) per 01-10-00; 4.3.3.3.1 is included in the Submittal Register | Wood | 7/16/18 |
| 157 | Determine scope for DP4B Design Conference | Wood/Government | 7/17/18 |
| 157 | Determine scope for DP4C Design Conference | Wood/Government | 7/24/18 |